

Converting Colors

Hex(0D7246)

Have a look what the booklet for
Hex(0D7246) contains.

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Color

Hex(0D7246)

Conversions

Conversions Part 1

Format	Color
Hex	0D7246
RGB	13, 114, 70
RGB Percent	5%, 45%, 27%
CMY	0.9490, 0.5529, 0.7255
CMYK	0.89, 0.00, 0.39, 0.55
HSL	154°, 80%, 25%
HSV	154°, 89%, 45%
XYZ	7.2888, 12.5624, 7.8350
YIQ	78.7850, -46.0720, -35.0960

Conversions

Conversions Part 2

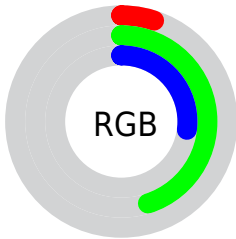
Format	Color
RYB	13, 78, 114
Decimal	881222
CIELab	42.10, -37.99, 16.98
CIElCh	42, 41.610, 155.918
Yxy	12.5624, 0.2633, 0.4537
Android (android.graphics.Color)	4279071302 (0xFF0D7246)
YUV	78.7850, -4.3310, -57.6934
Hunter-Lab	35.4435, -25.3184, 11.7040

Details

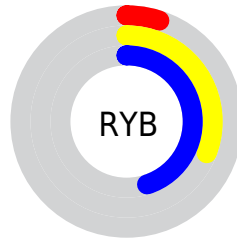
The Hex color **0D7246** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **720D39**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4EA777**, and **00411A** is the 20% darker color. If you saturate the color by 10%, you get **027241**, and if you desaturate by 10%, it is **18724B**.

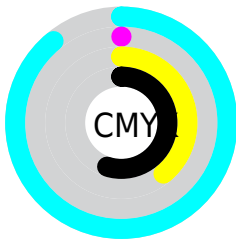
Distribution



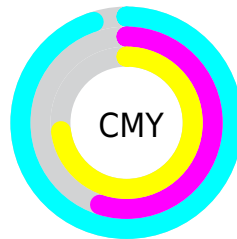
- Red (5%)
- Green (45%)
- Blue (27%)



- Red (5%)
- Yellow (31%)
- Blue (45%)



- Cyan (89%)
- Magenta (0%)
- Yellow (39%)
- Black (55%)



- Cyan (95%)
- Magenta (55%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D7246 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0D7246 by changing the saturation by 10% instead.



0D7246



0D7246

FFFFFF



00592F



4EA777



00411A



6AC290



002A01



85DFAB



000E00



A1FBC6



000000



BEFFE2



DAFFFF



F8FFFF



0D7246



0D7246

■ 027241

■ 18724B

■ 007240

■ 247250

■ 2F7255

■ 3B725A

■ 46725F

■ 517264

■ 5D7269

■ 68726E

■ 747273

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4C6D28



0D7246



007469

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0D7246



2865A8



9E4A3D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0D7246



720D39

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A2445E



0D7246



6E579B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



0D7246



006EA2



924A80



8C5723

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0D7246



007480



924A80



A14747

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0D7246



6C9483



3A720D



324A40



C9C9C9



4A4A4A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0D7246



009453



0D6D72



323836



007844



00F78C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



720D39



940040



72120D



383235



780034



F7006C

Previews

White Background



This preview shows how the Hex color 0D7246 looks on a white background.

Color Contrast Check

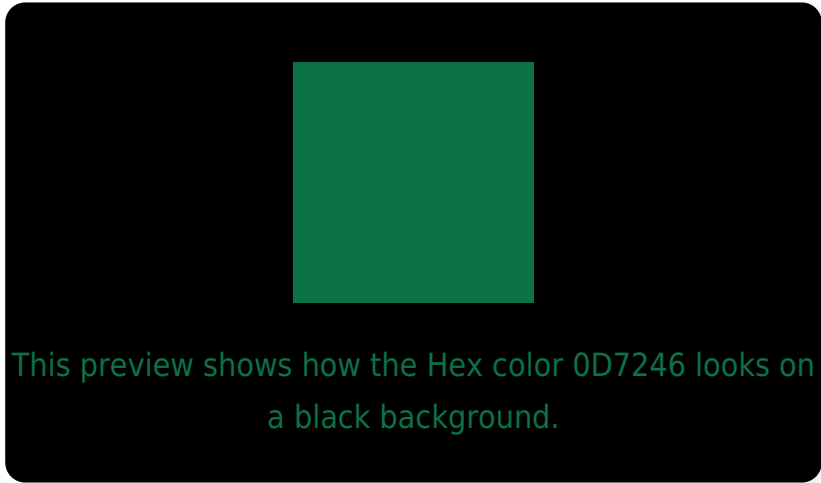
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

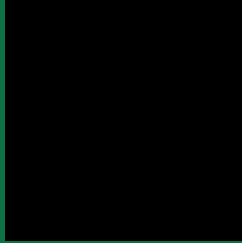
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0D7246 Background



This preview shows how black text looks on a background with the Hex color 0D7246.



This preview shows how white text looks on a background with the Hex color 0D7246.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
0D7246

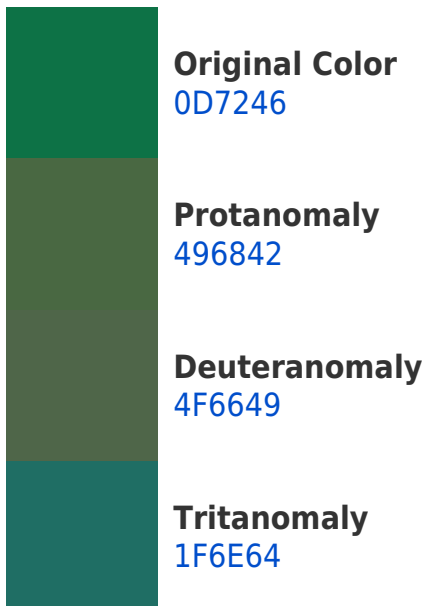
Protanopia
6C6340

Deuteranopia
755F4A

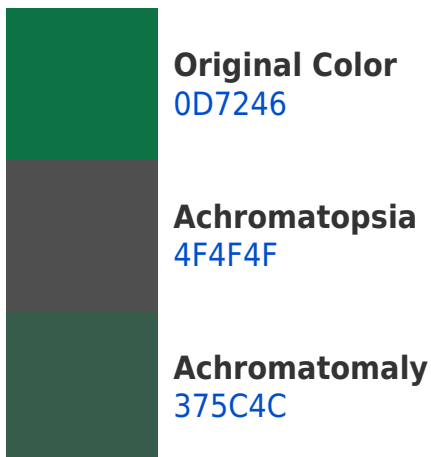


Tritanopia
2A6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0D7246 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0D7246 looks like.

```
.text, #text, p{  
    color:#0D7246  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0D7246 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7246
}
```

Border

The CSS property to change the border of an element to Hex 0D7246 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D7246 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0D7246 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0D7246 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7246; -webkit-box-shadow:4px 4px  
4px 4px #0D7246; box-shadow:4px 4px 4px  
4px #0D7246 }
```

Background

The CSS property to change the background color of an element to Hex 0D7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7246 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0D7246 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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